

KHESIN, Ya.Ye.; SUSHKOV, F.V.; MITIN, M.I.

Single-layer cell culture of the kidney of a cow's embryo
under normal cultivation conditions and when inoculated
with the smallpox virus. Trudy Mosk. nauch.-issl. inst.
virus. prep. 2:280-295 '61. (MIRA 17:1)

MITIN, M.F., inzh.

Demineralization of water by the method of natural freezing;
from practices in the Virgin Territory. Gidr. i mel. 15 no.2
20-27 F '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki
i melioratsii im. Kostyakova.
(Virgin Territory--Saline waters--Demineralization)

MITIN, M.F., inzh.

Distillation of water by natural freezing. Vod.i san.tekh.
no.2:24-27 F '63. (MIRA 16:2)

(Water, Distilled)

ARZUMANYAN, A.A., akademik; BERG, A.I., akademik; ZHUKOV, Ye.M., akademik;
 SEMENOV, N.N., akademik; VINOGRADOV, V.V., akademik; FRANTSEV, Yu.P.;
 SHCHERBAKOV, D.I., akademik; ANISIMOV, I.I., akademik; GATOVSKIY, L.M.;
 IOVCHUK, M.T.; FEDOSEYEV, P.N., akademik; ROMASHKIN, P.S.; KONSTANTINOV,
 F.V.; MITIN, M.B., akademik; YELNUTIN, V.P.; PLOTNIKOV, K.N.;
 PRUDENSKIY, G.A.; YUDIN, P.F., akademik; RYBAKOV, B.A., akademik;
 KONSTANTINOV, B.P., akademik; KHVOSTOV, V.M.; KEDROV, B.M.; MARKOV,
 A.A.; BAISHEV, S.B., akademik; ALEKSEYEV, M.N., prof.; SKAZKIN, S.D.,
 akademik; ALEKSANDROV, A.D.; POSPELOV, P.N., akademik

Discussion of L.F. Il'ichev's report. Vest. AN SSSR 32 no.12:19-50
 D '62. (MIRA 15:12)

1. Chleny-korrespondenty AN SSSR (for Aleksandrov, Frantsev,
 Anisimov, Gatovskiy, Iovchuk, Romashkin, Konstantinov, Yelyutin,
 Plotnikov, Prudenskiy, Khvostov, Kedrov, Markov). 2. AN Kazakhskoy
 SSR (for Baishev).
 (Research)

MTIN, M.B., akademik

Growing role of mathematics in science. Tekhnol. 29
no.9:16-17 :61.

(MIRA 14:16)

(Science)

KONSTANTINOV, B.P.; DEBORIN, A.M., akademik; PEYVE, Ya.V.; IOFFE, A.F.,
akademik; MIKHAYLOV, A.I., prof.; SATPAYEV, K.I., akademik;
ZHUKOV, Ye.M., akademik; LAVRENT'YEV, M.A., akademik; SEMENOV, N.N.,
akademik; PAVLOVSKIY, Ye.N., akademik; MINUS, I.I., akademik;
SISAKYAN, N.M.; ROMASHKIN, P.S.; FEDOROV, Ye.K.; STECHKIN, B.S.,
akademik; MAYSKIY, I.M., akademik; PAVLOV, Todor, akademik;
ARBUZOV, A.Ye., akademik; VASIL'YEV, N.V., doktor ekon.nauk;
BELOUSOV, V.V.; MITIN, M.B., akademik; BLAGONRAVOV, A.A., akademik;
KANTOROVICH, L.V.; RYBAKOV, B.A., akademik; NEMCHINOV, V.S., akademik

Discussion of the address. Vest. AN SSSR 29 no.4:34-63 Ap '59.
(MIRA 12:5)

1.Chlen-korrespondent AN SSSR (for Konstantinov, Peyve, Sisakyan,
Romashkin, Fedorov, Belousov, Kantorovich).
(Science)

Man and Nature

SOV/25-59-2-9/48

transformed into cultivated ground. The congress was attended by a Soviet delegation, which consisted of the academician M.B. Mitin, the Associate Member of the AS of USSR F.V. Konstantinov, Professor M.E. Omeliyanovskiy, B.M. Kedrov and many other scientists. There are 3 photos.

Card 2/2

30(7,13)

SCV/25-52-2-2/4-B

AUTHOR: Mitin M.B., Academician

TITLE: Man and Nature (Chelovek i Priroda)

PERIODICAL: Nauka i zhizn', 1959, Nr 2, p 24-28 (USSR)

ABSTRACT: On occasion of the Twelfth International Philosophical Congress held in Venice in September 1958, the author develops, on marxist principles, a picture of man in his relation to nature. Man is and remains a member of society; and only as such did he come into possession of the means to master nature. After a multiphase social development he found in socialism his best weapon for the accomplishment of this task. With regard to the surplus population problem, the author argues against Malthusian theories and underlines the theories of the Soviet scientist L.P. Prasolov, according to which about 70% of the land of the earth can be

Card 1/2

SCV/30-59-1-47,57

Problems Concerning Philosophy of Modern Science

report given by V. A. Ambartsunyan.
G. V. Nikol'skiy, P. K. Anokhin, G. V. Platonov took part in
the discussion of the report by S. L. Sobolev and A. A. Zheg-
nov.

V. L. Ryzhkov, N. M. Sisakyan and I. Panchev (Bulgaria)
participated in the discussion of the report delivered by
V. A. Engel'gardt and G. M. Frank.
Yu. P. Frolov, V. N. Kolbanovskiy, S. L. Rubinshteyn participated
at the discussion of the report by N. I. Grashchenkov.
P. N. Fedoseyev, Corresponding Member, Academy of Sciences, USSR
concluded the conference. The results obtained at the con-
ference were discussed at a joint meeting of the Prezidium
Akademii nauk SSSR (Presidium of the AS USSR) and the Kollegiya
Ministerstva vysshego obrazovaniya SSSR (Board of the
Ministry of Higher Education of the USSR) on
January 2, 1959. Measures were outlined for the intensification
of working out philosophical problems of modern science.
There is 1 Soviet reference.

Card 4/4

SOV/30-59-1-47/77

Problems Concerning Philosophy of Modern Natural Science

dealt with cybernetics and natural science.

V. A. Ambartsumyan, Academician, spoke about some theoretical problems of cosmogony.

V. A. Engel'gardt, Academician, and G. M. Frank, Corresponding Member, AMS USSR reported on the role of physics and chemistry in investigating biological problems.

A. I. Oparin, Academician spoke about the formation of life in the light of the achievements of modern natural science.

N. I. Grashchenkov's report dealt with the Lenin's reflex theory and modern physiology of the sensual organs.

A. Z. Zhmudskiy opposed the opinion expressed by M. E. Chel'yanovskiy who said that in the capitalist countries a crisis in physics is approaching.

D. I. Blokhintsev, Ya. Terletskiy, D. D. Ivanenko, T. A. Labaredev, E. Ya. Kol'man, V. V. Perfil'yev took part in the discussion of the report delivered by V. A. Fok.

M. F. Shisokov opposed A. D. Aleksandrov's view concerning the general theory of relativity. V. I. Svishchikov, A. I. Zaslavskiy, A. A. Tyapkin also took part in the discussion of A. D. Aleksandrov's report.

G. I. Naan, A. I. Zil'manov took part in the discussion of the

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SOV/30-59-1-47/57

Problems Concerning Philosophy of Modern Natural Science

important scientific problems in as short a period as possible. Such were the ideas expressed by Academician A. N. Nesmeyanov, President of the AS USSR and K. V. Ostrovityanov, Chairman of the Committee for the Organization of the USSR Academy of Sciences, on the occasion of their opening speeches.

Further, the following reports were heard and discussed:

M. B. Mitin, Academician, spoke about Lenin's "materialism and empiriocriticism" as the great ideological weapon for the perception and transformation of the world.

M. E. Omel'yanovskiy, Academician of the AS UkrSSR, dealt in his report with V. I. Lenin and the philosophical problems of modern physics.

B. M. Kedrov, Doctor of Philosophical Sciences, Corresponding Member, Academy of Pedagogical Sciences RSFSR, reported on the interrelation in nature of the forms of movement of matter.

V. A. Fok spoke about the interpretation of quantum mechanics.

A. D. Aleksandrov, Corresponding Member, Academy of Sciences, USSR, spoke about the philosophical meaning and the importance of the theory of relativity.

S. L. Sobolev, Academician, and A. A. Lyapunov, Professor,

Card 2/4

M.T.V. M.B.
30(9)
AUTHOR: P.D.

SOV/30-59-1-47/57

Chesnokov, Ye. N., Candidate of Philosophical Sciences

TITLE:

Problems Concerning Philosophy of Modern Natural Science (Filozof-
kiye voprosy sovremennogo yestestvoznaniya)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 1, pp 132-138 (USSR)

ABSTRACT:

At the end of October last year an All-Union conference took place which dealt with these problems. The conference had been convened by the Akademiya nauk (Academy of Sciences) and the Ministerstvo vysshego obrazovaniya SSSR (Ministry of Higher Education of the USSR). More than 600 well-known experts in the spheres of sciences and philosophy took part, among them Academicians and Corresponding Members, Academy of Sciences, USSR, representatives of the Academies of the Union Republics and Branch Academies as well as scientists from scientific research institutes and universities. Scientific representatives from Bulgaria, Rumania, Germany, Hungary and Czechoslovakia were guests. It was the aim of the conference to unite the creative powers of Soviet philosophers and scientists for the purpose of a dialectic-materialistic generalization of the achievements of modern science and for raising its level which is intended to contribute towards a solution of the most

MITIN, M. B.

"Against Reactionary Mendelism and Morganism", Collection of articles edited by:
M. B. Mitin, N. I. Nuzhdin, A. I. Ovarin, N. M. Sisakyan, V. N. Stoletov.
Publishing House of the Akad. Nauk, USSR, Moscow-Leningrad, 1950, 250 pp.
Rev. by M. F. Nikitenko.

SO: Progress of Contemporary Biology, Vol. 32, 1951, No. 3 (6)

USSR/Academy of Sciences Jul 49

"The Directors' Conference of the All-Union Society (Moscow, 11 - 12 June 1949)" 2pp

"Nauka i Zhizn" No 7

Acad Vavilov presided. A report, "The Present Situation and Measures to Improve the Work of the All-Union Society for the Propagation of Political and Scientific Knowledge," by Acad M. B. Mitin, Vice-Chm of the Board, was discussed by V. P. Komissarenko, Corr Mem, Acad Sci/Ukrainian SSR, N. P. Rairov, Cand Nat Sci (Bagestan ASSR), V. G. Machavariani (Georgian SSR),

1/50TI

USSR/Academy of Sciences (Contd 1) Jul 49

Prof A. V. Ablov (Moldavian SSR), N. N. Pozdnyakov, Polytech Museum, Prof A. K. Sengulov (Molotov), Kanar, Cand Hist Sci (Stalingrad), Corr Mem V. M. Maydebur, Chief Lectur of Limyashka Village, Kirovograd Oblast, V. V. Asapov (Leningrad), Prof V. N. Nikitin (Khar'kov), T. S. Gorbunov, Vice-Chm, Board of All-Union Soc, N. A. Mostovoy (Tsk VIKSS), L. N. Kustov (Turkmen SSR), Ye. I. Uralova (Belorussian SSR), Yu. G. Mamed-Aliyev, Pres, Acad Sci Azerbaijan SSR, and Prof B. V. Lavrovskiy (Moscow). Resolutions were passed on the serious deficiencies in propagandizing towns and rural populations, the quality

1/50TI

USSR/Academy of Sciences (Contd 2) Jul 49

of lecturers and ideology of their lectures, the participation of members in work, mass organization of the intelligentsia, and ideological instruction of workers. It was resolved to start a publishing house called "Znanie."

1/50TI

MITIN, M. B.

MITIN, M.B.

KOMAROV, V.L., akademik, redaktor; BAYKOV, A.A., akademik, redaktor;
VOLGIN, V.P., akademik, redaktor; ORBELI, L.A., akademik, akademik-
sekreter', redaktor; BRUYEVICH, H.G., akademik, redaktor; DEBORIN,
A.M., akademik, redaktor; MITIN, M.B., akaenik, redaktor; LEBEDEV-
POLYANSKIY, P.I., redaktor; YUDIN, P.F., redaktor

[Central meeting of the Academy of Sciences of the U.S.S.R., October
14-17, 1944; in honor of the President of the Academy, Academician
V.L. Komarov, in connection with his 75th birthday and the 50th anni-
versary of his scientific activity] Obshchee sobranie Akademii nauk
SSSR, 14-17 oktiabria 1944 goda; posviashchennoe chestvovaniu
prezidenta Akademii nauk SSSR akademika V.L. Komarova, v svyazi s
75-letiem so dnia rozhdeniia i 50-letiem nauchnoi deiatel'nosti.
Moskva, 1945. 260 p. (MLRA 9:11)

1. Prezident Akademii nauk SSSR (for Komarov).
2. Vitse-prezident Akademii nauk SSSR (for Baykov, Bolgin, Orbeli).
3. Chlen-korrespondent Akademii nauk SSSR (for Lebedev-Polyanskiy, Yudin)
4. Akademiya nauk SSSR.

(Komarov, Vladimir Leont'evich, 1869-1945)

MITIN, M., akademik

Revolution in natural science. Tekhnol. 31 no. 9:19 '63.
(MIR 16.9)

(MIR 16.9)

MITIN, L.I., kapitan 2-go ranga

Navigation security of distant cruises. Mor. sbor. 48 no.8:38-42
Ag '65. (MIRA 18:8)

MITIN, L. A., gornyy inzh. (Belovo)

Determination of the parameters for pressure hydraulic transportation of coal and rock mixtures. Ugol' 38 no.4:33-34
Ap '63. (MIRA 16:4)

(Hydraulic conveying)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700031-6

GUL'KEVICH, Yu., prof. (Minsk); MITIN, K.S., kand.med.nauk (Moskva)

Reviews. Arkh. pat. 27 no.5:73-76 '65.

(MIRA 18:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700031-6

MITIN, K.S., assistant

Histochemistry of the vascular walls in rheumatoid synovitis
1-go MM1 22:31-51 '63 (M. 84. 1.84. 1)

MITIN, K.S. (Moskva)

Electron microscopic histochemical study of experimental myocardial ischemia. Arkh. pat. 27 no.1:40-47 '65.

(MIRA 18:4)

1. Laboratoriya gistokhimii (zav. - doktor M.S.Burstone), laboratoriya elektronnoy mikroskopii (zav. - doktor D.J.Dalton) Instituta raka National'nogo instituta zdorov'ya (Petezda, SSHA), kafedra patologicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof. A.I.Strukov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

MITIN, K.S.

Histochemical study of the connective tissue of the blood vessel
walls during the active phase of rheumatic fever. Arkh. pat. 23
no. 1:33-40 '61. (MIRA 14:1)
(BLOOD VESSELS) (RHEUMATIC FEVER) (CONNECTIVE TISSUE)

MITIN, K. S., Cand. Medic. Sci. (diss) "Change in Connective Tissue of Walls of Vessels in Rheumatism (Histo-chemical Investigation)," Moscow, 1961, 18 pp. (Acad. Med. Sci. USSR) 250 copies (KL Supp 12-61, 286).

MITIN, K.S.

Method for the use of Bact. perfringens toxin in the histochemical
study of collagen. Arkh.pat. 22 no.2:73-75 '60. (MIRA 13:12)
(COLLAGEN) (TOXINS AND ANTITOXINS)
(CLOSTRIDIUM PERFRINGENS)

MITIN, K.S.

Stake markings. Meteor. 1 gidrol. no. 11:46 N '56. (MIRA 10:1)
(Stream measurements)

MITIN, K.A.

Determining electric parameters for the adjustment of the IU-1
level indicator. Priboroostroenie no.11:24-25 W '60. (MIRA 13:11)

(Level indicators)

MENTH, I. V.

"New polymers with aromatic rings in the chain," a paper presented at the 5th Congress on the Chemistry and Physics of High Polymers, 27 June-1 July 57, Moscow, Polymer Research Inst.

2
B-3, 674, 325

L 5191-66

ACC NR: AF5025064

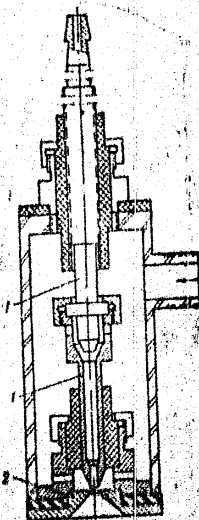


Fig. 1. 1- central electrode; 2- nozzle

Orig. art. has: 1 figure.

SUB CODE: IE/

Card 2/2 *hix*

SUM DATE: 16Jul64

L 5191-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T-2/EWP(k)/EWA(h)/ETC(m) WW/EM
 AGC NR: AP5025064 SOURCE CODE: UR/0286/65/000/016/0108/0108

AUTHORS: Medvedev, V. V.; Feofanov, V. A.; Mitin, I. I.

ORG: none

TITLE: Ultrasonic hydrodynamic emitter. Class 42, No. 174017

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 108

TOPIC TAGS: ultrasonic equipment, hydrodynamic shock, nozzle

ABSTRACT: This Author Certificate presents an ultrasonic hydrodynamic emitter of the vortex type, following that of Author Certificate No. 161980. To increase the intensity of the elastic oscillations at large distances from the exit nozzle and to generate electrohydrodynamic shocks in the body of the emitter, a central electrode is added to the equipment. The nozzle serves as the second electrode for the emitter (see Fig. 1).

Card 1/2

UDC: 534.232:532.595.2

09510771

M. PRYMEV, A.S.; KARABAYEV, A.V.; AZHAROV, O.P.; MOTT, J.J.

Effect of silicate ions on the ion exchange recovery of uranium
and the stability of ionites. Trudy Vses. nauch. i spets. Akad. Nauk
SSR 12:98-104 1966. (NRA 12:10)

L 18417-63 BDS
ACCESSION NR: AP3005803

S/0136/63/000/008/0083/0084

49

AUTHORS: Mitin, I. I.; Sokolov, M. A.

TITLE: Hydrodynamic ultrasonic emulsifier

SOURCE: Tsvetrye metall*, no. 8, 1963, 83-84

TOPIC TAGS: metallurgy, emulsifier, hydrodynamic emulsifier

ABSTRACT: Authors describe a new type of hydrodynamic, ultrasonic emulsifier which was developed at the Institute of metallurgy and fire beneficiation, Academy of sciences, Kuz SSR. It employs a multiple-unit whistle. Diagram is shown in the Enclosure. Orig. art. has: 1 figure

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 06Sep63

ENCL: 01

SUB CODE: MI

NO REF SOV: 000

OTHER: 000

Card

1/2

MITIN, I.I. (Stantsiya Cheremkhovo, Vostochno-Sibirskoy doregi.)

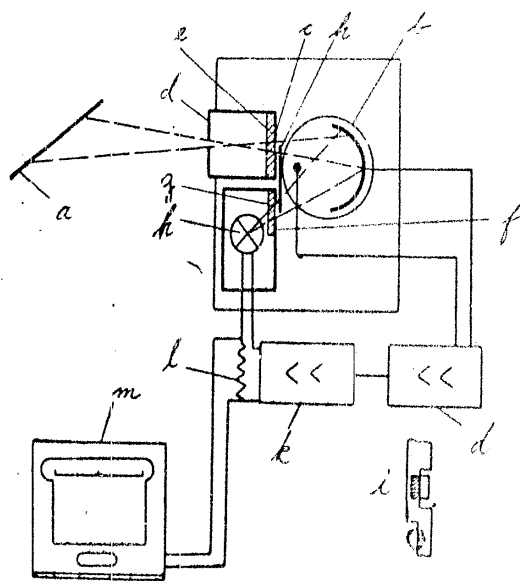
Portable transformer. Put' i put.khoz. 5 no.9:33 S '61.

(MIRA 14:10)

(Electric transformers)

ZBACHOVSKIY, P.D.; MITIN, I.I.

Automatic temperature control in elastic heating process
met. i obog. AN SSSR. Ser 841-173 (MIRA 17:8)



75946
SOV/133-59-10-7/39

Fig. 1. Schematic diagram of Roof Pyrometer:
(a) Roof; (b) StsB-3-type photoelectric cell;
(c) and (d) diaphragms (opening in (c) has 0.8-mm diam); (e) red light filter; (f) diaphragm;
(g) light filter; (h) tube;
(i) vibrating slide valve;
(j) amplifier; (k) photo-sensitive detector; (l) resistor; (m) potentiometer.

Application of Periscopic Method For
the Measuring of Open-Hearth Furnace
Roof Temperatures

15000
SOV/11-11-11/11

pyrometers (PEP-5) for several furnaces at Michailovskiy Tagil and Magnitogorsk Combines as well as for Chelyabinsk Metallurgical Plant and Plant imeni Dzerzhinskiy (Chelyabinskiy metallurgicheskiy zavod, Metallurgicheskiy zavod imeni Dzerzhinskogo). There are 6 figures; and 8 references, 5 Soviet, 1 French, 1 German, 1 British. The British reference is: Whitehead, E., "Instrumental Practice," 1951, Vol 10.

ASSOCIATION: Central Laboratory of Automation (Central Laboratory of Automation)

Card 3/4

Application of Periscopic Method For
the Measuring of Open-Hearth Furnace
Roof Temperatures

75946
SOV/133-59-10-7/39

of Voronov, Yu. I. (Engineer), and Romanov, K. I. (Foreman), in building the device is acknowledged. The roof pyrometer was designed by the Central Laboratory of Automation (TsLA), in cooperation with the plant, on the basis of a Zaporozh'ye design developed by the Central Design Bureau (TsPKB) on orders of the Central Laboratory of Automation. Conclusions: (1) The pyrometer allows the detection of maximum temperature zones and decreases the effects of the flame on the pyrometer. (2) Two pyrometers should be installed along knuckles. (3) The suggested design eliminates soiling of the device, and maintenance is less time-consuming than in radiation pyrometers. (4) The roof pyrometers are recommended for experimental use in other open-hearth furnaces. In 1959 the Central Laboratory of Automation plans to launch an experimental series of industrial roof

Card 2/4

18.3200

75946
SOV/133-50-10-7/30

AUTHORS:

Mitin, I. G., Voronov, Yu. I.

TITLE:

Application of Periscopic Method for the Measuring of Open-Hearth Furnace Roof Temperatures

PERIODICAL:

Stal', 1959, Nr 10, pp 893-897 (USSR)

ABSTRACT:

At Nizhniy Tagil Metallurgical (Nizhne-Tagil'skiy metallurgicheskiy kombinat) and Magnitogorsk Combines (Magnitogorskiy kombinat), roof surface temperatures are reliably controlled by pyrometers which were installed in September 1950 in the former, and January 1959 in the latter. Luminance temperatures within the 1,400-1,800° C range are measured with a maximum error of $\pm 180^\circ \text{C}$ (see Fig. 1). The space between the pyrometer top and the roof does not affect readings which are not influenced by changes in the sensitivity of the photoelectric cell caused by the time or by the fluctuation of temperatures in the pyrometer top. The assistance

Card 1/4

MITIN, I.G., inzhener.

Automatization of open-hearth furnaces with gaseous fuel.
Metallurg no.3:16-18 Mr '56. (MLRA 9:9)

1. TSentral'naya laboratoriya avtomatiki.
(Open-hearth furnaces) (Automatic control)

USSR/Forestry - Forest Management.

K-4

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20129

Author : Mitin, F.T.

Inst : Bryanskiy Forestry Institute.

Title : The Application of Forest Typology in Determining Forest Management in the Restricted Zones of the Desna River.

Orig Pub : Sb. aspirantsk. rabot. Bryanskiy lesokhoz. in-t, 1957, No 1, 91-105.

Abstract : On the basis of investigations a number of authors have established the degree of effect of the composition, type and condition of the waterless valley forests on the water system of the Desna River. The best results in the restricted zones were obtained from mixed and complex plantings, noted for their maximal absorption of thawed water and which aid in filtration.

Card 1/2

MITIN, F. T.

MITIN, F. T.: "Principles of organizing the economy in the forbidden zones of the river Desna." Min Higher Education Ukrainian SSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev. 1950.
(Dissertation For the Degree of Candidate in Agricultural in Sciences.)

Knixhnaya letopis', No. 39, 1950. Moscow.

MITIN, B.Ye.

Sidewise motion of a motor-vehicle wheel. Sbor.nauch.trud.
Bel.politekh.inst. no.72:60-81 '59. (MIRA 13:6)
(Motor vehicles--Wheels)

MITIN, B.Ye.

Analyzing kinematic diagrams of motor-vehicle turns. Sbor.
nauch.trud.Bel.politekh.inst. no.72:3-20 '59.

(MIRA 13:6)

(Motor vehicles--Dynamics)

MITIN, B. Ye.

Determining the moment and friction force acting in the contact
plane of an elastic wheel. Sbor.nauch.trud.Bel.politekh.inst.
no.64:89-115 '59. (MIRA 13:0)
(Motortrucks--Wheels)

GILELS, Lev Khatskelevich; KOKIN, Georgiy Mikhaylovich, prof.; MITIN, Boris Yefimovich; ROZHAESKIY, Vilen Anatol'yevich; VASIL'YEVA, I.A., red.; LEZHNEVA, Ye.I., red.; UVAROVA, A.F., tekhn.red.,

[The MAZ-501 logging truck; construction, service, and repair]
Avtomobil'-lesovoz MAZ-501; ustroystvo, obsluzhivanie i remont.
Pod red. G.M.Kokina. Moskva, Gos.nauchno-tekhn.izd-vo mashino-
stroit.lit-ry, 1959. 362 p. (MIRA 12:5)
(Motortrucks---Maintenance and repair) (Lumbering---Machinery)

L 27824-66

ACC NR: AP6015731

ture to $1 \cdot 10^{-3}$ mm Hg at 3000C. The specimen temperature is measured by an electron
pyrometer. Orig. art. has: 1 figure.

0
[ND]

SUB CODE: 11/ 11/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5003

Card 2/2

78

L 27824-66	EPF(n)-2/ENT(m)/ETG(F)/EWG(m)/EWP(t)/ETI	WM/JG/JD
ACC NR: AP0015731	(A)	SOURCE CODE: UR/0032/66/032/005/0626/0627
AUTHOR: Yelyutin, V. P.; Kostikov, V. I.; Levin, V. Ya.; Maurakh, M. A.; Mitin, B. S.		
ORG: Moscow Institute of Steel and Alloys (Moskovskiy institut stali i splavov)		
TITLE: Unit for studying the wetting of solids with liquid refractory metals or compounds		
SOURCE: Zavodskaya laboratoriya, v. 32, no. 5, 1966, 626-627		
TOPIC TAGS: wetting, refractory metal, liquid metal		
ABSTRACT: A unit for studying the wetting of solids with liquid refractory metals such as titanium, zirconium, vanadium, chromium, niobium, molybdenum, rhenium, tantalum, and tungsten has been designed and built. The spreading of a molten metal droplet on the solid, the contact angle, and other parameters are recorded by a high-speed motion-picture camera and can also be observed by television. The unit has a water-cooled vacuum chamber where the tested specimen (150 mm long and 50 mm wide) is placed and heated by the electric current to the desired temperature, up to 3000C. At the top of the vacuum chamber, a tiny arc furnace melts the tested metal, a droplet of which is dropped on the tested solid. A shielding gas atmosphere may be used in testing, and the vacuum in the chamber may be varied from $5 \cdot 10^{-5}$ mm Hg at room tempera-		
Card 1/2	UDC: 532.23.07	

L 43736-66
ACC NR: AP6030769

involved the following processes: reduction of oxides by tungsten, vaporization of reduction products, reaction between the reduction products in the vapor phase, and vaporization and dissociation of oxides. The main factor determining the weight loss in the tungsten-refractory oxide system is vaporization of tungsten oxide. The time dependence of weight loss during the reaction between tungsten and aluminum oxide is shown in Fig. 1. The time dependence for tungsten-silicon oxide reaction follows a similar pattern but the weight loss is less intensive. Orig. art. has: 5 figures. [TD]

SUB CODE: 11, 07/ SUBM DATE: 01Dec65/ ORIG REF: 004/ OTH REF: 004/
ATD PRESS: 5076

Card 2/2 hs

L 43736-66 EWT(m)/EWP(t)/ETI LJP(c) \ WH/JD/JH/JG

ACC NR: AP6030769

SOURCE CODE: UR/0363/66/002/009/1599/1603

AUTHOR: Kostikov, V. I.; Mitin, B. S.; Roytberg, M. B.

ORG: Moscow Institute of Steels and Alloys (Moskovskiy Institut stal i splavov)

TITLE: Reaction between tungsten and molten aluminum or silicon oxides

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 9, 1966, 1599-1603.

TOPIC TAGS: tungsten compound, aluminum oxide, silicon oxide, TUNGSTEN,
CHEMICAL REDUCTION, VAPORIZATION

ABSTRACT: The reaction between tungsten and molten aluminum or silicon oxides at 2300--2700C has been investigated. It was found that the reaction was complex and

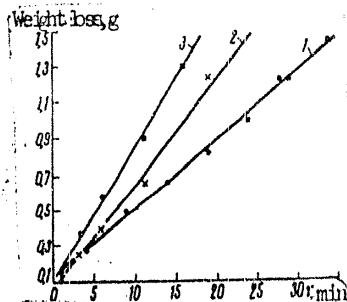


Fig. 1. Time dependence of weight loss into tungsten-molten aluminum oxide system at:

2300C (1), 2500C (2), and 2700C (3).

Card 1/2

UDC: 546.78+546.623-31+546.28

L 13561-66

ACC NR: AIP6001238

as the interaction between the solid and liquid increases, the discrepancies between the two sets of values become more appreciable: in the case of $\text{Mo-Al}_2\text{O}_3$, the deviations from the calculated curve were much greater than in the case of $\text{W-Al}_2\text{O}_3$, because the effective charge of Mo is greater than that of W. Orig. art. has: 3 figures and 6 formulas.

SUB CODE: 11 / SUBM DATE: 05Jul65 / ORIG REF: 002 / OTH REF: 001

Card 2/2

L 13561-66

EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG/WB

ACC NR: AP6001238

SOURCE CODE: UR/0363/65/001/012/2208/2211

AUTHOR: Yelyutin, V. P.; Kostikov, V. I.; Levin, V. Ya.; Maurakh, M. A.; Mitin, B. S.ORG: Institute of Steel and Alloys (Institut stali i splavov)TITLE: Wetting of tungsten with liquid aluminum oxideSOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 12, 1965, 2208-2211TOPIC TAGS: tungsten, aluminum oxide, silicon dioxide, molybdenum, *ME THE FINISHING*

ABSTRACT: The wetting of tungsten and molybdenum with liquid Al_2O_3 and of tungsten with a liquid $Al_2O_3-SiO_2$ mixture was studied by placing a drop of the liquid oxide or mixture on a plate of rolled W or Mo. The drop was allowed to spread, the temperature was quickly lowered, and the area covered by the oxide was measured. A formula was derived for the dependence of this area on the mass of the drop in the absence of interaction between the liquid and solid and for small equilibrium contact angles:

$$m = \pi r^2 \sqrt{k \cos \theta - 2}$$

$$m = \frac{\rho}{\gamma \pi} \sqrt{k \cos \theta - 2} \cdot S^{3/2}$$

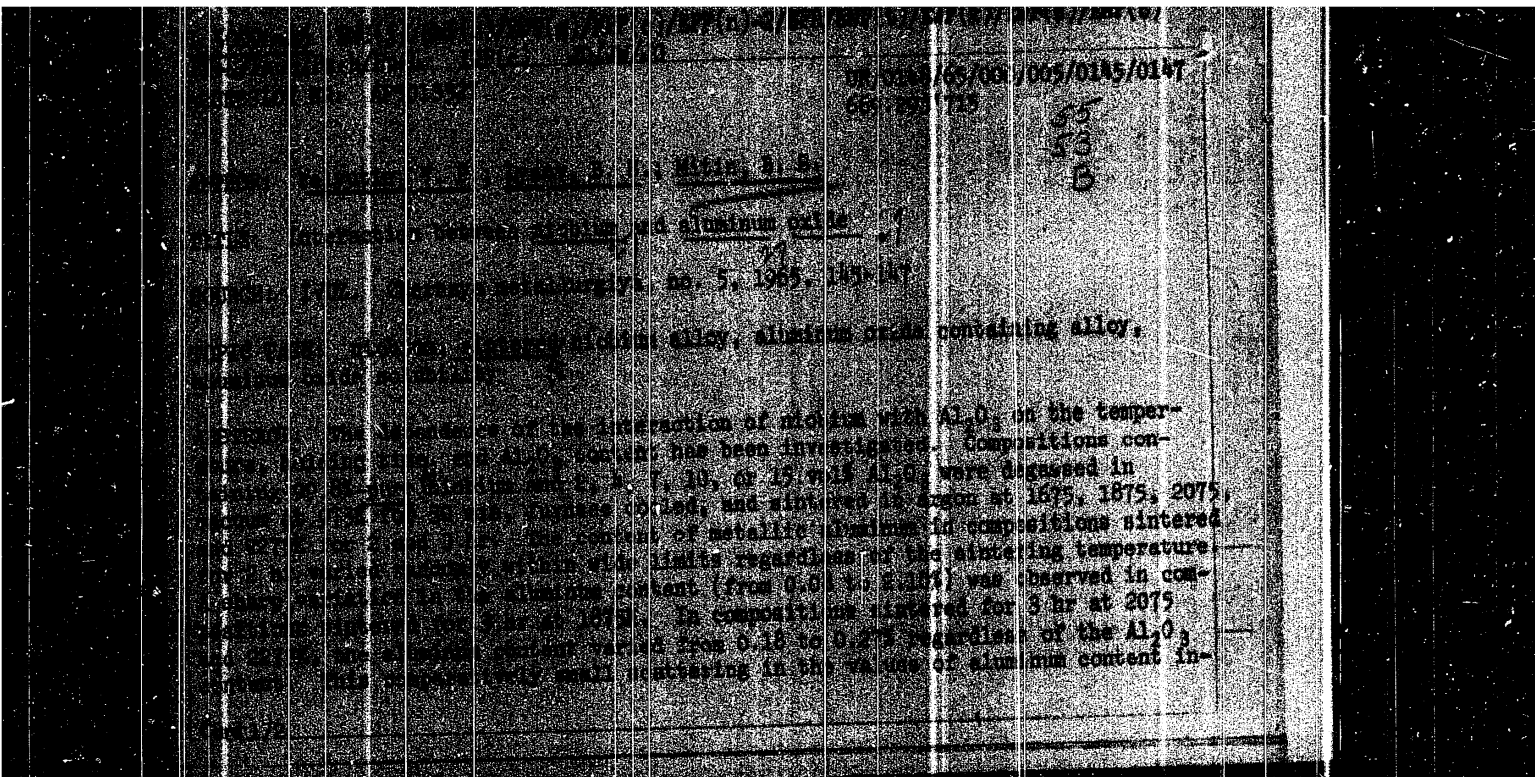
where S is the area of spread. S was calculated from this formula for the systems $W-Al_2O_3$, $W-Al_2O_3-SiO_2$ and $Mo-Al_2O_3$, and was compared with the measured values. It was shown that

Cord 1/2

UDC: 546.78:532.64

increased the time the reaction approached an equilibrium. In alloys containing 0.11, 0.22, and 0.44% niobium a correspondingly longer holding time (10, 20, and 40 hours) was required to achieve equilibrium. The best equilibrium composition was obtained with 0.11, 0.22, and 0.44% niobium in alloys sintered at 1600, 1575, 1550, and 1525°C. Thus, even such a thermodynamically stable oxide as Nb_2O_5 can be regarded as an undesirable additive in Nb-alloys compositions. It can be assumed that a similar noticeable chemical interaction exists between niobium and other refractory metal oxides (ZrO_2 , TiO_2 , etc.). Orig. art. has: 1 [MS]

Source: "Refractory Metals and Alloys" Vol. 1, Springer-Verlag, New York, 1968, p. 100.



MUTIN, B.A.

Calculating the strength of the ... (M/RA 17:10)

1. Gadyaninsky (Gadyaninsky) Institut.

MITIN, B.A.; PASHIN, Yu.D.; KOLEVATOV, V.N.; LOZOVSKIY, V.N.

Exchange of experience. Zav.lab. 28 no.10:1257-1261 '62.
(MDA 15:10)

1. Chelyabinskiy politekhnicheskiy institut(for Mitin).
2. Saratovskiy institut mekhanizatsii sel'skogo khozyaystva imeni Kalinina(for Pashin).
3. Ural'skiy filial AN SSSR(for Kolevato).
(Testing machines)

47305-66 EWT(1)/T/EWP(1) LP(c) DW/GG
 ACC NR AP6030972 SOURCE CODE: UR/0181/65/008/009/2744/2750

AUTHOR: Mitin, A. V.

ORG: Kazan' Physico-Technical Institute AN SSSR (Kazanskiy fiziko-tekhnicheskiy institut AN SSSR)

TITLE: Effect of ultrasonics on the electron paramagnetic resonance spectrum

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2744-2750

TOPIC TAGS: spin phonon interaction, electron paramagnetic resonance, EPR, EPR spectrum, ultrasound, ultrasonics

ABSTRACT: Spin-phonon reaction was used to analyze the effect of ultrasonics on the EPR spectrum. The directions propagation and polarization of ultrasound were so selected as to assure the hamiltonian spin-phonon reaction (3.13) exclusively with terms having an $[S_z]$ operator. Energy absorption was computed using a formula based on the assumption that the external field was stationary. Analysis of the calculations showed that the absorption spectrum contained lines other than the usual EPR spectral peak. A measurement of their intensity permits deter-

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700031-6

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Fe-5	Pao-2	Fe-1	1-JF(o)
Fe-5/Pao-2/Fe-1	1-JF(o)		

Doc. 3130

1980-1981: Electromagnetic fields in conformal 3-planar gravitational

1967, 130-150

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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10. The structure equation containing the chronological term for con-
11 sideration is a system defined by a pure electromagnetic radiation field with
12 a wave vector k_μ satisfying the isotropic propagation vector) is
13 solved with the known classification according to the groups of motions of con-
14 sidered plane waves. A detailed analysis is given of those solutions which
15 belong to the groups of motions. It is shown that these solutions allow motion
16 terms of higher than the third order, and that solutions allowing single-term

MITIN, A.V., inzhener.

Efficient method of loading asbestos cement pipes. Zhel.dor.transp.
39 no.9:79 S '57. (MIRA 10:10)

(Pipe--Transportation)

MITIN, A. V., inzhener; MIREZHKO, V. G., inzhener; RIDEL', E. I., kandidat
tekhnicheskikh nauk, redaktor; KHITROV, P. A., tekhnicheskii
redaktor

[Manual for machinists operating railroad freight-lifting cranes]
Rukovodstvo mashinistu gruzopod*emnogo krana na zheleznodorozhnom
khodu. Izd. 2-e, dop. Moskva, Gos. transp. zhel.-dor. izd-vo, 1955.
234 p. (MIRA 9:3)

(Cranes, derricks, etc.)

MITIN, A.I.

AFANAS'YEV, Yevgeniy Vladimirovich; BUZINIYER, Mikhail Iosifovich;
MITIN, Afanasiy Timofeyevich; Khabinskaya, Flora Abramovna;
KRISTAL', L.I., red.; BOBROVA, Ye.N., tekhn.red.

[Economics and organization of signaling and communications]
Ekonomika i organizatsiia khoziaistva signalizatsii i svyazi.
Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 189 p. (MIRA 13:2)
(Railroads--Signaling)
(Railroads--Communication systems)

MITIN, A-7.

RYAZANTSEV, B.S.; MITIN, A.T.; BUZINIER, M.I.; SADOV, I.Ya., redaktor;
VERINA, G.P., tekhnicheskii redaktor.

[Organization of railroad signaling and communications] Organizatsiia
khoziaistva signalizatsii i svyazi zheleznnykh dorog. Moskva, Gos.
transp. zhel-dor. izd-vo, 1952. 318 p. (MLRA 7:11)
(Railroads--Signaling) (Railroads--Communication systems)

ILLEGIBLE

ILLEGIBLE

MITIN, A.; GUS'KOVA, N.

Courses for the improvement of qualifications. Avt. dor. 25
no. 2:32 F '62. (MIRA 15:2)

1. Direktor kursov povysheniya kvalifikatsii pri Gosudarstvennom
vsesoyuznom dorozhnom nauchno-issledovatel'skom institute
Ministerstva transportnogo stroitel'stva SSSR (for Mitin).
2. Zaveduyushchaya aspiranturoy Gosudarstvennogo vsesoyuznogo
dorozhnogo nauchno-issledovatel'skogo instituta Ministerstva
transportnogo stroitel'stva SSSR (for Gus'kova).
(Technical education)

PROKHORCHUK, I.S., prof.; SAMKULO, G.M., dots.; BOYTSOV, K.P., dots.;
NECHUYATOVA, N.P., dots.; POPOV, N.I., dots.; SITKHINA, D.Ye.,
MITIN, A.G., dots.; SUCHIL'NIKOV, N.G., red.; GOSPODARSKAYA, T.M.,
red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Economics of the woodworking industry] Ekonomika lesobrabaty-
vaiushchei promyshlennosti. Moskva, Goslesbunizdat, 1961. 309 p.
(MIRA 15:3)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M. Kirova (for
Prokhorchuk, Boytsov, Nechuyatova, Popov, Sitkhina, Mitin).
2. Vsesoyuznyy nauchnyy lesotekhnicheskii institut (for Samkulo).
(Woodworking industries)

MITIN, A.G., kand.ekon nauk

Potentialities for increasing labor productivity in the plywood industry. Der.prom. 9 no.9:5-7 S '60. (MIRA 13:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.

(Plywood industry--Labor productivity)

PETROV, Boris Sergeyevich, professor; MITIN, Aleksey Grigoriyevich, dotsent;
SITKHINA, Dina Yefimovna, dotsent; SAMKULO, Grigoriy Mikhayevich,
dotsent; VASIL'YEV, P.V., professor, retsentsent; DINSPIROV, V.S.,
khuzhener, retsentsent; KOPTOV, G.YE., redakter; ARNOL'DOVA, K.S., redak-
ter; SHITS, V.P., tekhnicheskiiy redakter. (MLRA 9:4)

[Organization and planning of production in wood processing enterprises]
Organizatsiya i planirovaniye proizvodstva na derevebrabatyvalushchikh
predpriyatiyakh. Moskva, Gosbumizdat, 1955. 407 p.
(Woodworking industries)

MITIN, A.G., kandidat ekonomicheskikh nauk.

Effectiveness of new methods of cutting veneer. Der. 1 lesokhna.
(MIRA 8:1)
prom. 3 no.12:15-18 D '54.

1. Leningradskaya ordena Lenina Lesotekhnicheskaya akademiya in.
S.M.Kirova.
(Veneers and veneering)

L 34010-66

ACC NR: AR6017191

channel widths - was $\pm(1 - 2)\%$; 3) in the frequency range 100 cps - 100 kcs, the parallel shift of the amplitude characteristic was less than one channel, and the change in its slope likewise did not exceed 1%; 4) when the line voltage changed by $\pm 10\%$ from nominal, the shift of the position of the channel boundaries did not exceed ± 0.2 of the channel width. I. S. [Translation of abstract]

SUB CODE: 20, 09

Card

2/2-10

L 34010-66

ACC NR: AR6017191

SOURCE CODE: UR/0038/65/000/012/A031/A031
34
B

AUTHOR: Mitin, A. A.; Sofiyev, G. N.

TITLE: Input block of pulse-height analyzer for loads up to 10^5 counts/min

SOURCE: Ref. zh. Fizika, Abs. 12A307

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radicelektron. T. 2. M., Atomizdat, 1965, 7-14

TOPIC TAGS: pulse height analyzer, pulse counting, multichannel analyzer/ AAF-110
10

ABSTRACT: A description is presented of an input block of a two-group 110-channel pulse-height analyzer (AAF-110), which makes it possible to obtain satisfactory and stable analyzer characteristics in a wide range of counting rates, from the smallest up to 10^5 counts/min. The analyzer is designed to operate in two modes: 1) normal mode, i.e., the usual single-group mode, when the analyzer plots the pulse-height spectrum of pulses entering the measuring input from some pickup; 2) two-group mode, namely the mode of coincidence of measured pulses with control signals fed into two independent control inputs. The input block is based on a normally blocked linear transmission circuit, the idea of which consists in that the blocking current depends linearly on the magnitude of the input signal. Tests of the analyzer with such an input block yielded the following results: 1) the integral nonlinearity of the amplitude characteristic was 1%; 2) the differential nonlinearity - unevenness of the

Card 1/2

L 9659-66

ACC NR: AP6000258

some cases in solving some navigational problems in flight, without disrupting the operation of the photoelectric servosystem of the astronomical orientation device.

Orig. art. has: 2 figures and 1 table.

SUB CODE: 17,04 SUBM DATE: None

Card

2/4

L 9659-66 BT(d)
ACC NR: AP6000258

BC

SOURCE CODE: UR/0209/65/000/011/0061/0064

AUTHOR: Mitin, A. (Major, Engineer)
44,55

ORG: None

TITLE: Determination of the initial navigational parameters

SOURCE: Aviatsiya i kosmonavtika, no. 11, 1965, 61-64

TOPIC TAGS: navigation aid, navigation computer, servo system, computer
application, airborne computer, automation, parameter

ABSTRACT: The automation of the measurement of aircraft position and course coordinates necessitated the determination of a large number of initial parameters in the preparation of navigational systems for use. The time spent in the preparation may be reduced by introducing automation into the calculation process. The author examines a method of determining navigational parameters employing an astronomical orientation computer. With some training, the application of the method proposed will enable a technician to solve 25 to 30 spherical triangles in one hour. The mean square error in the calculations is low. The method is demonstrated by the calculation of a triangle. The device employed may also be used in

Card 1/2

GUGLIN, E.R. (Volgograd, Komsomol'skaya, d.10, kv.12); HITIN, A.A. (Volgograd, Karpovskaya, 46).

Subtotal resection of the stomach for cancer associated with complete atrioventricular block. Vop. onk. 9 no.12:75-76 163.

(MIRA 17:12)

1. Iz khirurgicheskogo otdeleniya (ved. khir. V.M. Sachetlov) Volgogradskogo oblastnogo onkologicheskogo dispansera (glav. vrach - zasluzhennyy vrach RSFSR K.M. Petrov).

MITIN, A., inzh.-mayor

Determining initial navigation parameters. Av. i korm. 48 no. 11: 61-64
N '65. (MIRA 18:10)

at the same time and at the same pressure but with the capacitor charged initially to different voltages differed considerably from each other, but the portions of the characteristics corresponding to decreasing current were all coincident. This shows that the arc reached equilibrium by the time the current reached its minimum. During the discharge the arc increased in diameter, the maximum diameter increasing rather slowly with increase of the maximum current, and the minimum diameter increased only a factor 2.5 over its value for the 100 A low voltage arc with the maximum current was 12 kA. The arc was stable during the discharge, no migration of arc plasma toward the walls of the chamber was observed. The spectrum of the 100 A low voltage arc showed strong bright lines of neutral copper and very weak lines of tungsten, copper, and silver arising from the tungsten electrodes, the copper electrode holder, and the silver solder used in the holder. During a pulse at currents less than about 20 kA the spectrum consisted of very many bright lines of roughly equal intensity, among which lines of neutral copper could not be found. At currents from 30 to 40 kA the

Abstract. The authors have continued their previous investigation of high pressure arcs (Paper 1, 1223, 1961; 2a, 1239, 1961; 3, 1224, 1961) and in the present paper they report experiments in which a 4500 μ microfarad capacitor charged to 10 kV or less was discharged through the low voltage arc. The low voltage arc was 10 to 20 cm long, burned between tungsten electrodes in argon at pressures of 1×10^{-3} to 1×10^{-2} atm in chambers constructed as described in the previous paper. The arcs were stabilized by rotation of the gas; the 10-cm arcs were also stabilized by rotating vanes within the chamber or by tangential injection of the gas. The arc chamber was provided with two 2 cm diameter observation ports, through which the arc was photographed; the luminous intensity was measured and spectrum (from 250 to 650 m μ) was recorded, and streak photographs were taken.

1. 1223, 1961
2. 1239, 1961
3. 1224, 1961

During the last variation of the arc diameter, the authors observed the variation of the arc diameter with time. The period of the discharge was measured through the arc, the voltage was measured, and the luminous intensity was measured.

[illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700031-6

MITIKHINA, S.I.

Changes in the rates in multiple idiopathic hemorrhages
Kaposa's sarcoma. Vest. rent. 1 rad. 28 12.6:53-59 Kuz '53.
(MIRA 17/6)

1. Iz kafedry krovotoka i vnetivnicheskikh boleznay (nachal'nik.
"zashchennyy deystel'noy" nauch. i nauch.-korrrespondent AMN SSSR prof.
S.P. Pavlov) Voenno-meditsinskoy ordona Lenina akademi.
imeni S.M. Kirova.

KOLBENKOV, S.P., kand. tekhn. nauk; PETUKHOV, I.A.; MITICHKINA, N.I.;
SULIDI, L.S.; KOROTKOV, M.V., kand. tekhn. nauk, otvetstvennyy
red.; AVERSHIN, S.G., prof., red.; SLAVOROSOV, A.M., red. izd-
va; ALADOVA, Ye.I., tekhn. red.

[Shifting of rock and of the earth's surface in the chief coal
basins of the U.S.S.R.] Sdvizhenie gornyykh porod i zemnoi
poverkhnosti v glavneishikh ugol'nykh basseynakh SSSR, Moskva,
Ugletekhizdat, 1958. 249 p. (MIRA 11:10)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy markshey-
derskiy institut.

(Coal geology) (Earth movements)

MITICHKINA, A.S.; SAMOYLOVA, V.P. (Kiyev)

Brening for the young mother. Med.sestra 19 no.3:40-41 Mr '60.

(CHILDREN--CARE AND HYGIENE) (HEALTH EDUCATION) (MIRA 13:5)

MITICHKIN, I.A., Inzh.; ALYULIN, A.F.

Electric scales for weighing agricultural machinery. Trudy
VISHKOMA no.34:34-42 '62. (MIRA 16:11)

MITICHKIN, G.S.; TRACHENKO, A.

Vaccination against rabies. *Veterinariya* 41 no. 11:36-38, 1964, 1 p.
(SIRA 1743)

I. Starshiy veterinarny nauchnyy tsentr nauchnoy informatsii
upravleniya myasnykh i molochnykh proizvodstv i legkoy
soveta narodnoy ekonomiki SSSR. Mitichkin, G. G. i dr.
veterinarnyy vaktsinatsiya protiv beshchevirovnykh infektsiy.

MITICHEV, I.V.

Reducing the cooling process of heavy castings. Inzh.-fiz.zhur.
no.7:91-95 J1 '58. (MIRA 11:8)

1.Stankostroitel'nyy zavod imeni Voroshilova, Minsk.
(Metal castings--Cooling)

MITICHEV, I.V.

Founding large cast iron machine tool parts with forced
air blast cooling of the mold. Lit.proizv. no.9:11-16 S '57.
(MIRA 10:10)

(Iron founding)
(Machine tool industry)

Thermal effect in wire resistance ... 8/119/63/006/001/002/019
0201/0308

with the given temperature range, that the bonding glue composition had practically no effect and that the largest discrepancy with theoretical figures was only 14.5%. The experimental determination of the best possible configuration of wires for auto-compensation of temperature effects proved to be a failure, which can be understood on the basis of theoretical analysis. There are 1 figure and 1 table.

Card 2/2

S/119/63/000/001/002/016
D201/D308

AUTHOR: Mitichenko, G.A.

TITLE: Thermal effect in wire resistance transducers

PERIODICAL: Priborostroyeniye, no. 1, 1963, 6-8

TEXT: The author considers the effect of mechanical stresses, temperature, bonding material and base on the resistivity and temperature sensitivity of wire tension and temperature transducers. The expressions derived for the relative overall transducer resistance change as functions of the wire radius, cross-section and resistivity were experimentally checked on five different types of constantan wire transducers bonded to steel and to aluminum blocks. All transducers were immersed in transformer oil, compensated by a similar type of transducer in the other arm of the bridge and kept at a constant temperature of 18.2°C. The measurements of resistance changes were made with an electronic tension gauge WCA-2 (ICB-2) at temperatures up to 54.2°C. The experiments have shown that the thermal sensitivity of transducers remained practically constant

Card 1/2

MITICHENKO, G. A.

MITICHENKO, G. A. --"Use of Wire Strain Gauges in an Investigation of Parts Used in Chemical Machine Building." Sub 26 Jun 52, Moscow Inst of Chemical Machine Building (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Vechernaya Moskva January-December 1952

166T60

USSR/Metals - Testing Equipment

Jul 50

"Investigation of the Performance of Wire Resistance Tensometers Under Pressure," G. A. Mitichenko, Moscow Inst of Chem Mach Bldg

"Zavod Lab" Vol XVI, No 7, pp 847-849

Develops method for measuring deformations on surfaces inside apparatuses working under pressure created by liquid or gas. Outlines additional requirements of tensometers used under such conditions. Describes experimental device used for studying performance of wire strain gauges under pressure. Gauges made of constantan with wire diameter of 30 μ . Two types

166T60

USSR/Metals - Testing Equipment (Contd) Jul 50

of gauges tested: gauges with 15-mm gauge length and 175-ohm resistance, and those with 6-mm gauge length and 198-ohm resistance.

166T60

MITICHENKO, G. A.

MITCH, G.B.

Intermineralization collapses in hydrothermal crystal
formation. Dokl. AN SSSR 165 no.2:407-409 N '65.
(MIRA 18:11)

1. Submitted May 8, 1965.

MITICH, G.B.

Age of alaskites in the Aldan Shield. Trudy VNIIP [MS] 3 no.2:13-
19 '60. (MIRA 14:4)
(Aldan Plateau--Alaskite)

014/11401140/15

The Quartzite Xenoliths and the Granitization Selectivity in the Eastern
Western Part of the Aldan Crystalline Mountain Range

lesser degree, in the quartzite strata: the process of feldspathization occurred mainly here. It can be said that, as a result of selective granitization of the rocks of the Lengra series, the quartzites represent the skeleton of the original series. The author cites the following geologists with some of whom he disagrees: N.G. Sudovikov, D.S. Korzhinskiy, R.O. Deli and Ye.M. Laz'ko. There is 1 map and 10 references, 9 of which are Soviet and 1 South African.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut piezoopticheskogo mineral'nogo syr'ya (VNIIP), Moskva (The All-Union Scientific-Research Institute of Piezo-Optical Raw Minerals (VNIIP), Moscow)

SUBMITTED: February 9, 1957

Card 3/3

007/11-88-1000/15

The Quartzite Xenoliths and the Granitization Selectivity in the
Western Part of the Aldan Crystalline Mountain Range

of the Iengra series of rocks occurred mainly in the mass of crystalline schists, and the feldspathization of quartzites was much less important and only on the lines of contact. The occurrence of feldspars in the quartzites can be explained in two ways. Though infiltrational magmatic feldspathization occurred in some places, authigenous feldspars also occur: they were subjected to an intensive collective recrystallization during the intensive metamorphism of the quartz-feldspathic sandstones. It can thus be said that in this region infiltrational metasomatic granitization occurred rather than the phenomenon of anatexis (Ref. 1). More active chemically crystalline schists composed of various unstable minerals succumbed to the granitization process faster than the quartzites composed basically of less active silica, more resistant to a chemical process. As granitization is a complicated infiltrational-metasomatic process of reactive substitution as well as of direct deposition of superfluous minerals, it occurred widely and fully in heterogeneous stratigraphic layers and strata of crystalline schists and at a much

Card 2/5

AUTHOR: Mitich, G.R. NOV/11-69-12-9/15

TITLE: The Quartzite Xenoliths and the Granitization of the South-Western Part of the Aldan Crystalline Mountain Range (Ksenolity kvartцитов i selektivnost granitizatsii v yugo-zapadnoy chasti Aldanskogo kristallicheskogo massiva)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1969, Nr 12, pp 94-100 (9338)

ABSTRACT: In the lower part of the metamorphized rocks of the south-western region of the Aldan crystalline mountain range (approximately 10,000 m thick and belonging to the Lengra series of the Upper Archean era), a stratum of quartzite, 1,500 m thick, can be observed. Separate layers and lenses of quartzite can also be observed in the mass of crystalline schists. On the whole, this region of mountain range is composed of: gneissic granites (74.4 %), quartzites (15.7 %) and crystalline schist (9.6 %). The rocks of the Lengra series form separate blocks of different importance in the mass of gneissic granites. The author considers the smaller blocks as micro- and the larger as macroxenoliths. More than 2/3 of the mass of the macroxenoliths is composed of quartzites. According to the author, it indicates that the granitization

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700031-6

MITICH, G.B.

"The Age of Early Pre-Argon Formations (Eastern
Transbaikial Region), Iz. Ak. Nauk SSSR, Ser. Geol.,
3. 1949.

MITICH, G. B.

PA-67T47

USSR/Geology
Tectonics
Stratification

Mar/Apr 1948

"New Data on the Geology of the Southwestern Part of
the Alden Mountain Range," G.B. Mitich, 6 pp

"Iz Ak Nauk SSSR, Ser Geolog" No 2

Presents data on the stratigraphy, tectonics, and
petrography of the Proterozoic deposits. Bases on a-
bove data relation between the Cambrian deposits (two
Proterozoic complexes) and the Archeozoic deposits
with their component complexes.

67T47

LIST AND INDEX ORDERS																										PROCESSING AND PREPARATION DATA																									
COMMON ELEMENTS													SPECIAL NOTES													COMMON ELEMENTS													SPECIAL NOTES												
<i>Ch</i> Tourmaline-bearing horizon in the quartzites of the Aldan plate. G. B. Misch. <i>Compt. rend. acad. sci. U.R.S.S.</i> 53, 243-5(1948).—Tourmaline (var. dravite) occurs in bands 2-3 cm. thick interbedded with quartzite of Archean age. The absence of rounded grains together with typical crystal habit indicates primary hydrochem. origin from magnesium borates assoc. with quartz and feldspar. It is possible that a greater concn. of boric acid in sea basins of the Archean favored pyro. of borates. Marjorie Hooker																																																			
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			

MIRIC, Vlado
[REDACTED]

Country: Yugoslavia

Academic Degrees: Ing.

Affiliation: not given

Source: Belgrade, Jugoslovensko pronalazastvo, No 5, May 1961, pp 11-13.

Data: "Inventions Secure Faster Economic and Technical Progress."

RASIC, Jeremija, dr (Beograd, Kornelija Stankovica 17/I); MITIC, Stojanka,
ins.

Microflora of yogurt. Tekhnika Jug 17 no.12:2374-2375 D '62.

1. Sef Mikrobioloskog odseka Instituta za mlekarstvo FNRJ,
Novi Beograd (for Rasic). 2. Strucni saradnik Instituta za
mlekarstvo FNRJ, Novi Beograd (for Mitic).